AMENDMENTS TO THE CLAIMS

Claims 1-49 were originally pending. Claims 1-40 are withdrawn without prejudice from examination in view of a restriction requirement. No claims are amended. No claims are added. No claims are cancelled. Accordingly, claims 41-49 are pending.

The following listing of claims replaces all prior versions, and listings of claims in the application.

Listing of Claims:

Claims 1-40 (Withdrawn).

41. (Original) An application development system comprising:

a computer system to execute an application within an application development tool; and

a smart card incorporating a smart card development interface, coupled to the computer system, to receive and identify debug frames interlaced with application frames within a normal communication flow between the application executing on the computer system and the smart card, wherein the smart card development interface promotes the application frames to an application layer of the smart card, and invokes debug features of the smart card in response to debug instructions embedded within the received debug frames.

42. (Original) An application development system according to claim 41, wherein the computer system further comprises:

a client development interface, to interlace debug frames generated by the application development tool with application frames generated by the application executing within the application development tool.

43. (Original) An application development system according to claim 42, wherein the application development tool generates debug frames in response to user interaction with the application development tool.

44. (Original) An application development system according to claim 43, wherein the application development tool populates a source and/or destination field of the debug frame with an invalid source and/or destination address.

45. (Original) An application development system according to claim 43, wherein the debug frames invoke and control one or more smart card resources facilitating debugging of the application executing within the application development tool of the computer system.

46. (Original) An application development system according to claim 42, wherein the client development interface includes a debug filter to identify and route debug frames received from the smart card.

47. (Original) An application development system according to claim 41, wherein the smart card development interface comprises a debug filter to identify debug frames within the received normal communication flow.

48. (Original) An application development system according to claim 47, wherein the debug filter identifies debug frames by an invalid source and/or destination address embedded within a source and/or destination field of the debug frame.

49. (Original) An application development system according to claim 41, further comprising:

a communication protocol, employed by the computer system and the smart card to communicate therebetween, the communication protocol comprising,

a plurality of application frames comprising a normal communication flow between a host application and a smart card application; and

one or more debug frames, interlaced with the application frames within the normal communication flow, to enable a debug application executing on the host system to selectively access and control smart card resources.